

Title (en)

TRANSPORTABLE APPARATUS FOR HEATING FOOD AND TRANSPORTABLE HEATING-ELEMENT

Title (de)

TRANSPORTABLE VORRICHTUNG ZUM ERHITZEN VON LEBENSMITTELN UND TRANSPORTABLER HEIZKÖRPER

Title (fr)

DISPOSITIF TRANSPORTABLE DESTINÉ À CHAUFFER DES ALIMENTS ET ELEMENT CHAUFFANT

Publication

EP 2897510 A1 20150729 (DE)

Application

EP 13760058 A 20130913

Priority

- EP 12185093 A 20120919
- EP 2013069019 W 20130913
- EP 13760058 A 20130913

Abstract (en)

[origin: EP2710941A1] The transportable device has container (1) to receive foodstuff (8), and heating chamber (2) which adjoins container while simultaneously being hermetically separated by thermally-conductive wall (4). The heating chamber has chambers (5,6) that are separated by water vapor-permeable wall (7). A substance/substance mixture (9) in chamber (5) generates heat in exothermic chemical reaction to form water vapor, when liquid such as water is supplied. A zeolite (10) in chamber (6) adsorbs water entering from chamber (5) via water vapor-permeable wall by generating heat.

IPC 8 full level

A47J 36/28 (2006.01); **F24V 30/00** (2018.01); **A45D 34/04** (2006.01); **A61F 7/03** (2006.01); **B65D 81/00** (2006.01)

CPC (source: EP US)

A45C 5/02 (2013.01 - EP US); **A45C 11/20** (2013.01 - EP US); **A45C 15/00** (2013.01 - EP US); **A47J 36/28** (2013.01 - EP US); **B65D 81/3484** (2013.01 - EP US); **F24V 30/00** (2018.04 - EP US)

Citation (search report)

See references of WO 2014044609A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2710941 A1 20140326; EP 2710941 B1 20150708; CN 104703519 A 20150610; CN 104703519 B 20160831; EP 2897510 A1 20150729; EP 2897510 B1 20171129; ES 2660465 T3 20180322; JP 2015528358 A 20150928; JP 6242397 B2 20171206; MY 168939 A 20190110; PL 2897510 T3 20180629; US 2015241089 A1 20150827; US 9851125 B2 20171226; WO 2014044609 A1 20140327

DOCDB simple family (application)

EP 12185093 A 20120919; CN 201380048174 A 20130913; EP 13760058 A 20130913; EP 2013069019 W 20130913; ES 13760058 T 20130913; JP 2015531572 A 20130913; MY PI2015000516 A 20130913; PL 13760058 T 20130913; US 201314427907 A 20130913